

PATENT SPECIFICATION



Application Date: March 24, 1933. No. 8908/33.

398,750

Complete Left: May 27, 1933.

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PROVISIONAL SPECIFICATION.

Improvements relating to Metallic Fencing or Railing.

We, THORNTON HILTON WORNUM and EDWARD ERNEST HOLLIES, both British Subjects, and both of Brierley Hill Iron-works, Staffordshire, do hereby declare the nature of this invention to be as follows:—

This invention relates to metallic fencing or railing of the kind in which the vertical members or droppers are cranked at one or more points, usually two, so that when the horizontal bars are in place and secured at the ends to fence standards, the vertical bars, which are passed through perforations in the horizontal bars, cannot be removed.

The horizontal members are usually near the top and bottom of the vertical members or droppers, and have been made of angular cross section with one web of the upper member perforated to receive the verticals and upwardly directed, and with one web of the lower horizontal member perforated and downwardly directed. The ends of the horizontal members are fixed to the main uprights or standards by fish plates passing through the uprights. The main uprights are of "I" cross section or any other suitable section.

In accordance with the present inven-

tion we arrange each horizontal member with the apex uppermost and the imperforate web covering and bearing on the upper side of the respective cranking of the verticals, thus securing the verticals at the top and bottom in a very effective manner. By this method the verticals are held rigid by the webs binding on the crankings whether the fence is on level or rising ground.

Further, as the horizontal angular section members are disposed with their hollow faces downwardly directed, there is less likelihood of moisture accumulating on them. They are also well disposed to withstand a load on their upper surfaces, such as that of a person standing on them.

Instead of using cylindrical rod for the cranked verticals we may, if desired, employ members which are of angular, or vee section, throughout their length, these members being cranked as in the other example.

Dated this 22nd day of March, 1933.

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COMPLETE SPECIFICATION.

Improvements relating to Metallic Fencing or Railing.

We, THORNTON HILTON WORNUM and EDWARD ERNEST HOLLIES, both British Subjects, and both of Brierley Hill Iron-works, Staffordshire, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Metallic fencing or railing is known in which the vertical members or droppers are cranked at one or more points, usually two, so that when the horizontal bars are in place and secured at the ends to fence standards, the vertical bars, which are passed through perforations in the horizontal bars, cannot be removed.

The horizontal members are usually near the top and bottom of the vertical members or droppers, and have been made of angle cross section. They have been arranged with one web of the upper member perforated to receive the verticals and upwardly directed, and with one web of the lower horizontal member perforated and downwardly directed. The ends of the horizontal members are fixed to the main uprights or standards by fish plates passing through the uprights. The main uprights are of "I" cross section or any other suitable section.

It is to metallic fencing having cranked verticals and angular section horizontal

Fig. 1

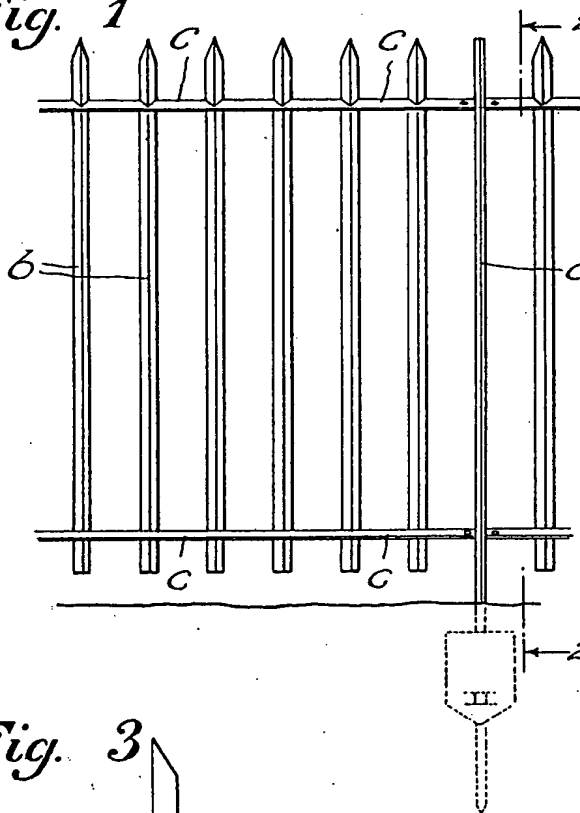


Fig. 2

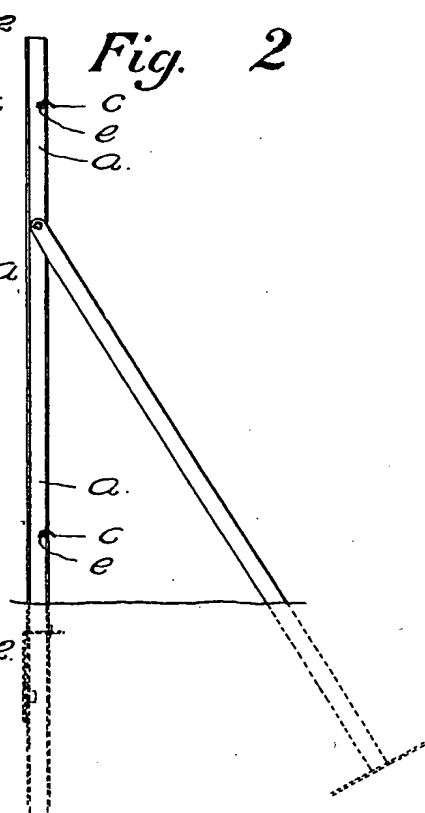


Fig. 3

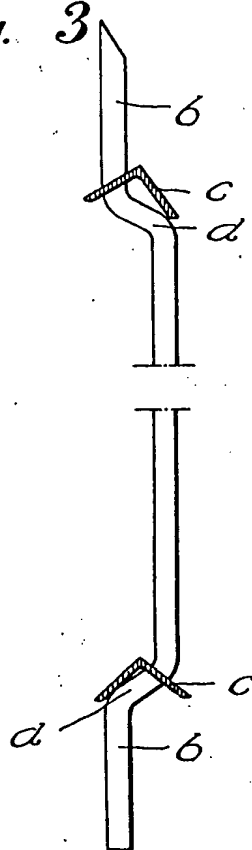
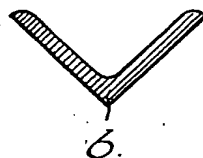


Fig. 4



[This Drawing is a reproduction of the Original on a reduced scale.]